

# Installation, Regulation and Maintenance Instructions



## 1. GENERAL INFORMATION

- The product has been designed and manufactured using state-of-the-art technology.
- All components are subject to stringent quality criteria during production. Our management systems are certified to ISO 9001.
- It is the responsibility and duty of all personnel involved in installation, operation and maintenance of the equipment on which this device is used, to fully understand the procedures by which hazards can be avoided.
- Only personnel with appropriate training should operate machinery and equipment.
- Do not service or attempt to remove the machinery or equipment until safety is confirmed.
- The manufacturer's liability is void in the case of any damage caused by using the product contrary to its intended use, non-compliance with these instructions and data sheet, assignment of insufficiently qualified skilled personnel or unauthorised modifications to the instrument.
- Subject to technical modifications.

## 2. OPERATION

- Before installation, commissioning and operation, read carefully all technical datas and ensure that the appropriate item has been selected. Check the compatibility with the medium of the materials.
- All items should be used within the technical characteristics contained in the related data sheet.
- Observe the relevant local accident prevention regulations and general safety regulations for the instrument's range of use.
- Only personnel with appropriate training should operate machinery and equipment. Risk of injury should qualification be insufficient! Improper handling can result in considerable injury and damage to property.
- Failure to follow these instructions may affect quick release valve operation and may result in exposure to personal injury.

## 3. TRANSPORTATION & STORAGE

The preferred storage location is a clean, dry and protected warehouse. If the components have to be stored outside, precautions should be taken to keep valves clean and dry. For storage temperatures, refer to the operation temperatures declared in this data sheet.  
 To avoid contamination of impurities during the storage period, don't remove thread protection caps if present; remove them just before the installation phase.

## 4. MANTAINANCE

Repairs must only be carried out by the manufacturer or appropriately qualified skilled personnel.

The items should be periodically checked for proper functioning:

- Check the correct functionality
- Visually check of the integrity of the item
- Check that there aren't leakages

In case of fault, replace item or contact Sitecna technical support and for more information

## 5. DISPOSAL

All the series of products are realized with materials that are not dangerous for health. All components must be disposed depending on type of materials and following local norms. All the main parts of products are realized in stainless steel or copper free aluminium alloy (classified as metals).

## 6. MARKING ACORDING TO 2014/34/UEAtex



II 2G Ex h IIC T6/T5 Gb X

II 2D Ex h IIIC T85°C/T100°C

For using these equipment in potentially explosive atmospheres, it is recommended - for the installation and the maintenance operation - to use tools and instruments that can produce only a single spark (for instance: screwdrivers, spanners). Avoid use of tools that can produce sparks like disk saw or grinder.

Action must be taken to put to earth the units through a suitable connection, checking that all the metal components (fittings and pipe line) have to be equitable potential.

Equipment have to be installed in the corresponding zone according to the marking.

### NOTE: special conditions for safe use (X conditions)

Before performing any work, read this manual and assure yourself you understand. X at the end of ATEX substitutes T amb for series VB, DP, VSR, RF, LK, SCLP, TF, FLGSS, VP, SLHF, SLVP, SLSC, PV. T amb depends on used seals, based on the following correspondance:

NBR=-20°C...+80°C; FMK=-25°C...+90°C; EPDM= -40°C...+80°C; FVMQ & HNBR= -55°C...+90°C